# Product Information Sheet

## NEUTRIK JACK SOCKETS - NRJ SERIES - PANEL TYPE

**43-5022** NEUTRIK NRJ4HF JACK SOCKET

### DESCRIPTION

1/4" mono jack, switched, fully threaded nose.

Horizontal PCB panel mount jack featuring high board packing density by mounting on 15.88 mm (0.625 inch) minimum centres in rows or arrays.

Mounting hardware must be ordered separately.

### FEATURES & BENEFITS

High boarded packing densities. A retention spring ensures optimum grip on inserted plugs, avoiding the chance of lost connection. Mounting nuts available in various styles.

### ACCESSORIES



40-795 NEUTRIK NDJ DUMMY PLUG, JACK, A-gauge

43-5041 NEUTRIK NRJ-NUT-MS Nickel plated metal ring nut

43-5043 NEUTRIK NRJ-NUT-MK Nickel plated metal ring nut, knurled

43-5044 NEUTRIK NRJ-NUT-B Hexagonal plastic nut, black

43-5045 NEUTRIK NRJ-NUT-R Hexagonal plastic nut, red

### TECHNICAL SPECIFICATION

| | |
|---|---|
| **Product** | |
| Title | NRJ4HF |
| Connection | Jack |
| Gender | female |
| **Electrical** | |
| Contact resistance | < 25 mΩ |
| Dielectric strength | 1 kVdc |
| Insulation resistance | ≥ 1 GΩ @ 500 V dc |
| Rated current per contact | 3 A |
| Switching contacts | 2 |
| **Mechanical** | |
| Insertion force | < 20 N |
| Withdrawal force | < 10 N |
| Lifetime | > 10000 mating cycles |
| Panel thickness | < 3 mm |
| Wiring | Horizontal PCB mount |
| Locking device | Retention spring |
| Mounting direction | rear |
| Chassis shape | 11.2 mm |

| | |
|---|---|
| **Material** | |
| Cap / Nut / Washer | PA 6.6 15% GR |
| Contact plating | 2 µm Ag |
| Contacts | Bronze (CuSn6) |
| Shell | Polyamide (PA 6.6 15 % GR) |
| Ring Nut | Brass (Ni plated) |
| **Environmental** | |
| Standard compliance | EIA RS 453, IEC 60603-11 |
| Solderability | Complies with IEC 68-2-20 |
| Temperature range | -25 °C to +70 °C |